

03190.000100.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Eddie F. RAY, III, et al. ) Examiner: Not Yet Assigned  
Application No.: 10/766,504 ) Group Art Unit: 3738  
Filed: January 27, 2004 )  
For: BONE GRAFTS ) July 6, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

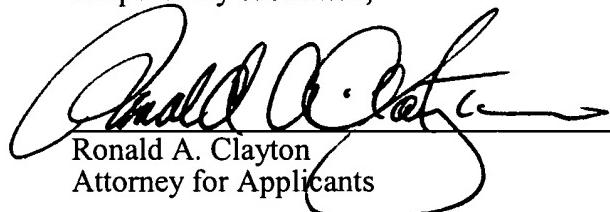
For the concise statement of relevance for the non-English documents the Examiner is referred to the abstracts attached thereto.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Ronald A. Clayton  
Attorney for Applicants

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APPLICANT EDDIE F. RAY, III, ET AL.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,677,369	05/04/54	Knowles	128	92	
	3,848,601	11/19/74	Ma et al.	128	305	
	3,918,100	11/11/75	Shaw et al.	3	1.9	
	4,294,753	10/13/81	Urist	260	112 R	
	4,309,777	01/12/82	Patil	3	1.91	
	4,314,380	02/09/82	Miyata et al.	3	1.9	
	3,330,891	05/25/82	Branemark et al.	3	1	
	4,349,921	09/21/82	Kuntz	3	1	
	4,394,370	07/19/83	Jefferies	424	15	
	4,440,750	04/03/84	Glowacki et al.	424	95	
	4,472,840	09/25/84	Jefferies	3	1.9	
	4,501,269	02/26/85	Bagby	128	92 G	
	4,526,909	07/02/85	Urist	523	115	
	4,596,574	06/24/86	Urist	623	16	
	4,620,327	11/04/86	Caplan et al.	632	10	
	4,627,853	12/09/86	Campbell et al.	623	16	
	4,678,470	07/07/87	Nashef et al.	623	16	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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		4,685,919	08/11/87	Niwa et al.	623	21	
		4,743,256	05/10/88	Brantigan	623	17	
		4,759,766	07/26/88	Buettner-Janz et al.	623	17	
		4,820,305	04/11/89	Harms et al.	623	16	
		4,834,757	04/30/89	Brantigan	623	17	
		4,877,020	10/31/89	Vich	128	92 V	
		4,877,864	10/31/89	Wang et al.	530	324	
		4,878,915	11/07/89	Brantigan	623	17	
		4,882,149	11/21/89	Spector	424	425	
		4,904,261	02/27/90	Dove et al.	623	17	
		4,917,704	04/17/90	Frey et al.			
		4,950,296	08/21/90	McIntyre	623	16	
		4,961,740	10/09/90	Ray et al.	606	61	
		5,013,649	05/07/91	Wang et al.	435	69.1	
		5,015,247	05/14/90	Michelson	606	61	
		5,026,373	06/25/91	Ray et al.	606	61	
		5,044,104	09/03/91	Hopperdietzel	40	642	

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		5,071,437	12/10/91	Steffee	623	17	
		5,092,893	03/03/92	Smith	623	17	
		5,106,748	04/21/92	Wonzney et al.	435	252.3	
		5,108,922	04/28/92	Wang et al.	435	240.2	
		5,116,738	04/26/92	Wang et al.	435	69.1	
		5,133,755	07/28/92	Brekke	623	16	
		5,147,402	09/15/92	Bohler et al.	623	16	
		5,187,076	02/16/93	Wozney et al.	435	69.1	
		5,192,327	03/09/93	Brantigan	623	17	
		5,207,710	05/04/93	Chu et al.	623	16	
		5,258,029	11/02/93	Chu et al.	623	16	
		5,275,954	01/04/94	Wolfinbarger et al.	436	74	
		5,306,303	04/26/94	Lynch	623	16	
		5,306,307	04/26/94	Senter et al.	623	17	
		5,306,308	04/26/94	Gross et al.	623	17	
		5,306,309	04/26/94	Wagner et al.	623	17	
		5,306,310	04/26/94	Siebels	623	17	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,344,654	09/06/94	Rueger et al.	424	423	
	5,348,026	09/20/94	Davidson	128	898	
	5,366,508	11/22/94	Brekke	623	16	
	5,366,875	11/22/94	Wozney et al.	435	69.1	
	5,397,364	03/14/95	Kozak et al.	623	17	
	5,405,391	04/11/95	Hednerson et al.	623	17	
	5,417,975	05/23/95	Lussi et al.	424	423	
	5,425,772	06/20/95	Brantigan	623	17	
	5,443,514	08/22/95	Steffee	623	17	
	5,458,638	10/17/95	Kuslich et al.	623	17	
	5,514,180	05/07/96	Heggeness et al.	623	17	
	5,522,899	06/04/96	Michelson	623	17	
	5,534,030	07/09/96	Navarro et al.	623	17	
	5,556,379	09/17/96	Wolfinbarger	604	49	
	5,573,771	11/12/96	Geistlich et al.	424	422	
	5,585,116	12/17/96	Boniface et al.	424	549	
	5,609,635	03/11/97	Michelson	623	17	

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	5,609,637	03/11/97	Biedermann et al.	623	17	
	5,645,591	06/08/97	Kuberasampath et al.	623	16	
	5,658,337	08/19/97	Kohrs et al.	623	17	
	5,683,464	11/04/97	Wagner et al.	623	17	
	5,702,449	12/30/97	McKay	623	17	
	5,702,455	12/30/97	Saggar	623	17	
	5,709,683	01/20/98	Bagby	606	61	
	5,716,415	02/10/98	Steffee	623	17	
	5,722,977	03/03/98	Wilhelmy	606	84	
	5,725,579	03/10/98	Fages et al.	623	16	
	5,728,159	03/17/98	Stroever et al.	623	16	
	5,741,253	04/21/98	Michelson	606	61	
	5,766,253	06/16/98	Brosnahan, III	623	17	
	5,776,199	07/07/98	Michelson	623	17	
	5,785,710	07/28/98	Michelson	606	61	
	5,797,871	08/25/98	Wolfinbarger, Jr.	604	49	
	5,814,084	09/29/98	Grivas et al.	623	16	

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		5,820,581	10/13/98	Wolfinbarger, Jr.	604	49	
		5,851,669	12/22/98	Macaulay et al.	428	401	
		5,865,845	02/02/99	Thalgott	623	17	
		5,865,848	02/02/99	Baker	623	17	
		5,888,222	03/30/99	Coates et al.	623	17	
		5,888,227	03/30/99	Cottle	623	17	
		5,897,593	04/27/99	Kohrs et al.	623	17	
		5,972,368	10/26/99	McKay	424	423	
		5,989,289	11/23/99	Coates et al	623	17	
		6,039,762	03/21/00	McKay	623	17	
		6,111,164	08/29/00	Rainey et al.	623	16	
		6,139,579	10/31/00	Steffee et al.	623	17	
		6,371,988 B1	04/16/02	Pafford et al.	623	17.11	
		6,423,095 B1	07/23/02	Van Hoeck et al.	623	17.16	
		6,511,509 B1	01/28/03	Ford et al.	623	23.5	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		WO 93/00432	01/07/93	PCT			
		WO 94/26892	11/24/94	PCT			

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	WO 94/26893	11/24/94	PCT			
	WO 97/14378	04/24/97	PCT			
	WO 98/17209	04/30/98	PCT			
	WO 98/55052	12/10/98	PCT			
	WO 98/56319	12/17/98	PCT			
	WO 98/56433	12/17/98	PCT			
	WO 99/09914	03/04/99	PCT			
	WO 00/07527	02/17/00	PCT			
	WO 00/19911	04/13/00	PCT			
	WO 00/24327	05/04/00	PCT			
	0 179 695 A1	04/30/86	EPO			Abstract
	0 538 183 A1	04/21/93	EPO			Abstract
	0 599 419 A2	06/01/94	EPO			
	2 703 580	10/14/94	FR			Abstract
	2 710 519	04/07/95	FR			Abstract
	0 077 159 A1	04/20/83	EPO			
	0 179 695 A1	04/30/86	EPO			Abstract
	0 179 696 A1	04/30/86	EPO			Abstract
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			APPLICANT EDDIE F. RAY, III, ET AL.				
			FILING DATE January 27, 2004		GROUP 3738		
FOREIGN PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		0 307 241 A2	03/15/89	EPO			
		0 599 419 A2	06/01/94	EPO			
		WO 86/00526	01/30/86	PCT			
		WO 90/00037	01/11/90	PCT			
		WO 94/25892	11/10/94	PCT			
		WO 94/25893	11/10/94	PCT			
		WO 96/40013	12/19/96	PCT			
		WO 97/13378	4/10/97	PCT			
		WO 97/15248	05/1/97	PCT			Abstract
		WO 97/25945	07/24/97	PCT			
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